ABSTRACT

The present invention provides a high Cr Ni-based alloy filler material of which weld cracking resistance can sufficiently be increased by suppressing generation of scales, and a welding rod for shielded metal arc welding that exhibits sufficiently increased weld cracking resistance. The high Cr Ni-based alloy filler material comprises, in percent by weight, C: 0.04% or less, Si: 0.01 to 0.5%, Mn: 7% or less, Cr: 28 to 31.5%, Nb: 0.5% or less, Ta: 0.005 to 3.0%, Fe: 7 to 11%, Al: 0.01 to 0.4%, Ti: 0.01 to 0.45%, V: 0.5% or less, and, as inevitable impurities, P: 0.02% or less, S: 0.015% or less, O: 0.01% or less, N: 0.002 to 0.1%, and the balance: Ni.